

**ABSTRACT**

[001] A fastening device comprises a conical anchor piece (7, 17) and a conical recess (2) and, if necessary, an insertion piece (3). The conical outer surfaces (4, 10, 18) have annular grooves (5) on the one hand, and annular grooves (11) with O-rings or annular beads (19) on the other. The annular grooves (5) are somewhat offset in the height thereof with regard to the opposite annular grooves (11) or annular beads (9) so that in one anchor piece (7, 17), which rests with a stop, e.g. a flange (9, 20), a drawing force (14) serves to pretension. This results in the provision of self-tightening fastening device.